

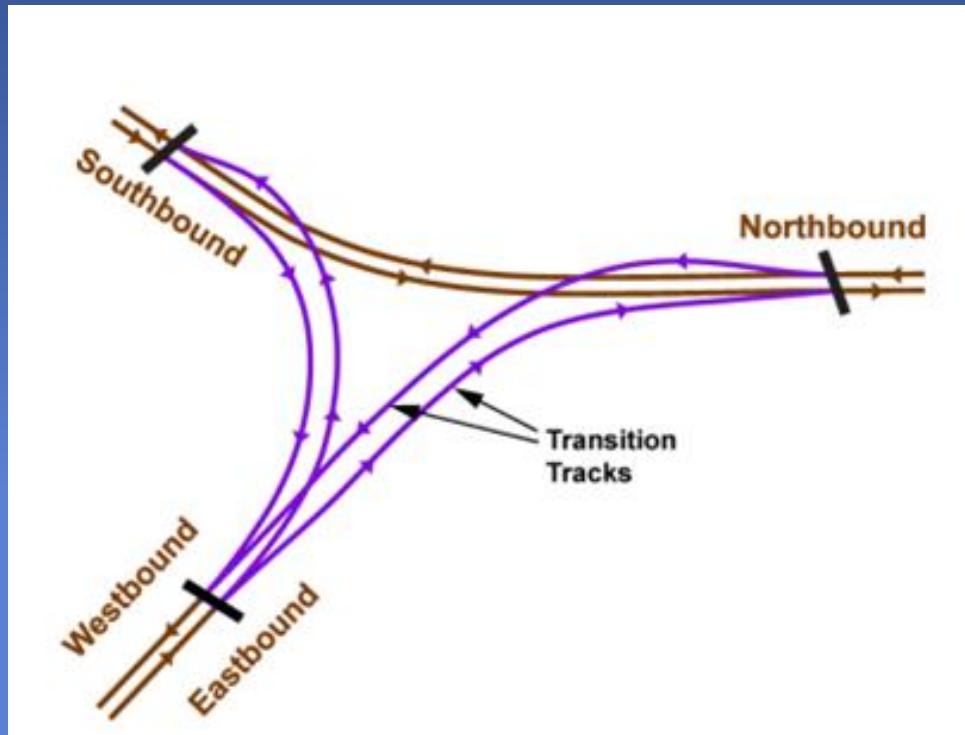


CALIFORNIA HIGH-SPEED RAIL: *CENTRAL VALLEY WYES*

Central Valley Wye Status and Next Steps
April 4, 2013

WHAT IS THE CENTRAL VALLEY WYE?

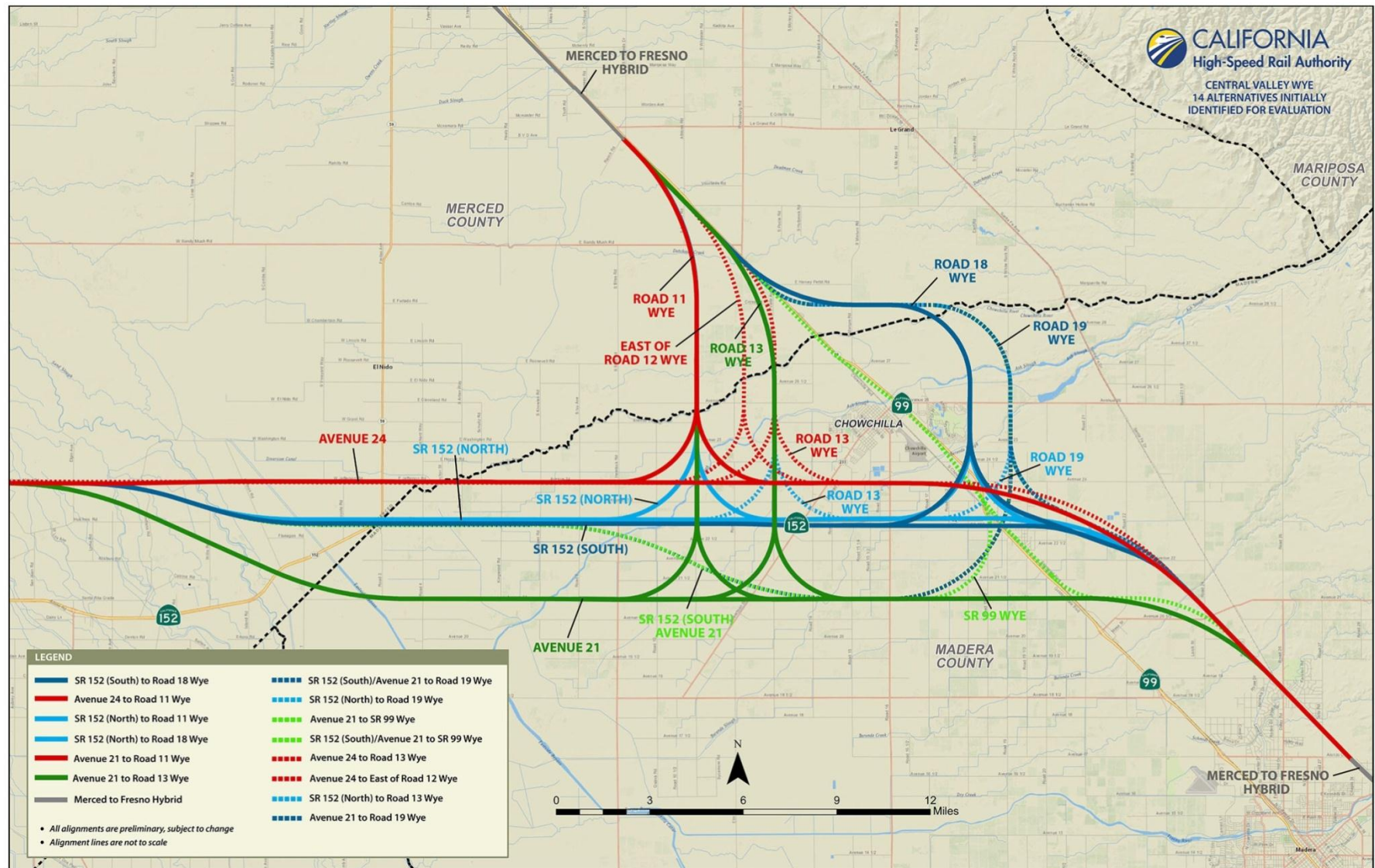
- A Junction for Trains to Head West, North and South
- The Wye will Cover About 12 Square Miles
- Each Wye Leg is About 5 Miles Long
- The Wye is Located Near Chowchilla and the Community of Fairmead



HISTORY OF THE CENTRAL VALLEY WYE

- Since 2009, the Authority has Worked with Residents, Stakeholders and Others to Identify a Range of Wye Alternatives
- The Wye was Originally Analyzed as Part of the Merced to Fresno Section Environmental Process
- In 2011, the Authority Decided to Carry Forward the Wye Area for Study as Part of the San Jose to Merced Section EIR/EIS Process
- **14 Alternatives** were Initially Identified for Further Evaluation

14 ALTERNATIVES INITIALLY IDENTIFIED FOR EVALUATION



STAKEHOLDER ENGAGEMENT

- **Resource and Regulatory Agencies**

- US Environmental Protection Agency (EPA)
- US Army Corps of Engineers (USACE)
- Technical Working Groups

- **Public and Stakeholders**

- State Agencies – Caltrans; California Department of Corrections and Rehabilitation (CDCR)
- Cities and Counties – Elected Officials and Staff
- School Districts
- Farm Bureaus
- Irrigation Districts
- Local Community Groups

KEY CRITERIA CONSIDERED

- Ability to Meet Project Purpose and Need/Objectives (CEQA/NEPA, CWA § 404)
- Ability to Avoid/Minimize Impacts (CEQA/NEPA, CWA § 404)
 - Impacts to Waters/Wetlands/Habitat (Clean Water Act of 1972, California Endangered Species Act, Endangered Species Act of 1973)
 - Agricultural Land Impacts (California Land Conservation Act of 1965, Farmland Protection Policy Act of 1981)
 - Business and Residential Displacement (Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970)
 - Impacts to Chowchilla and Fairmead (CEQA/NEPA)
 - Impacts to Schools (California Code of Regulations, Title V, Article 2 (d))
 - Noise/Vibration Impacts (Federal Railroad Administration, High Speed Ground Transportation Noise and Vibration Impact Assessment Manual, 2007)
- Cost/Feasibility (CEQA/NEPA, CWA §404, Authority)

RANGE OF ALTERNATIVES FROM 14 TO 6

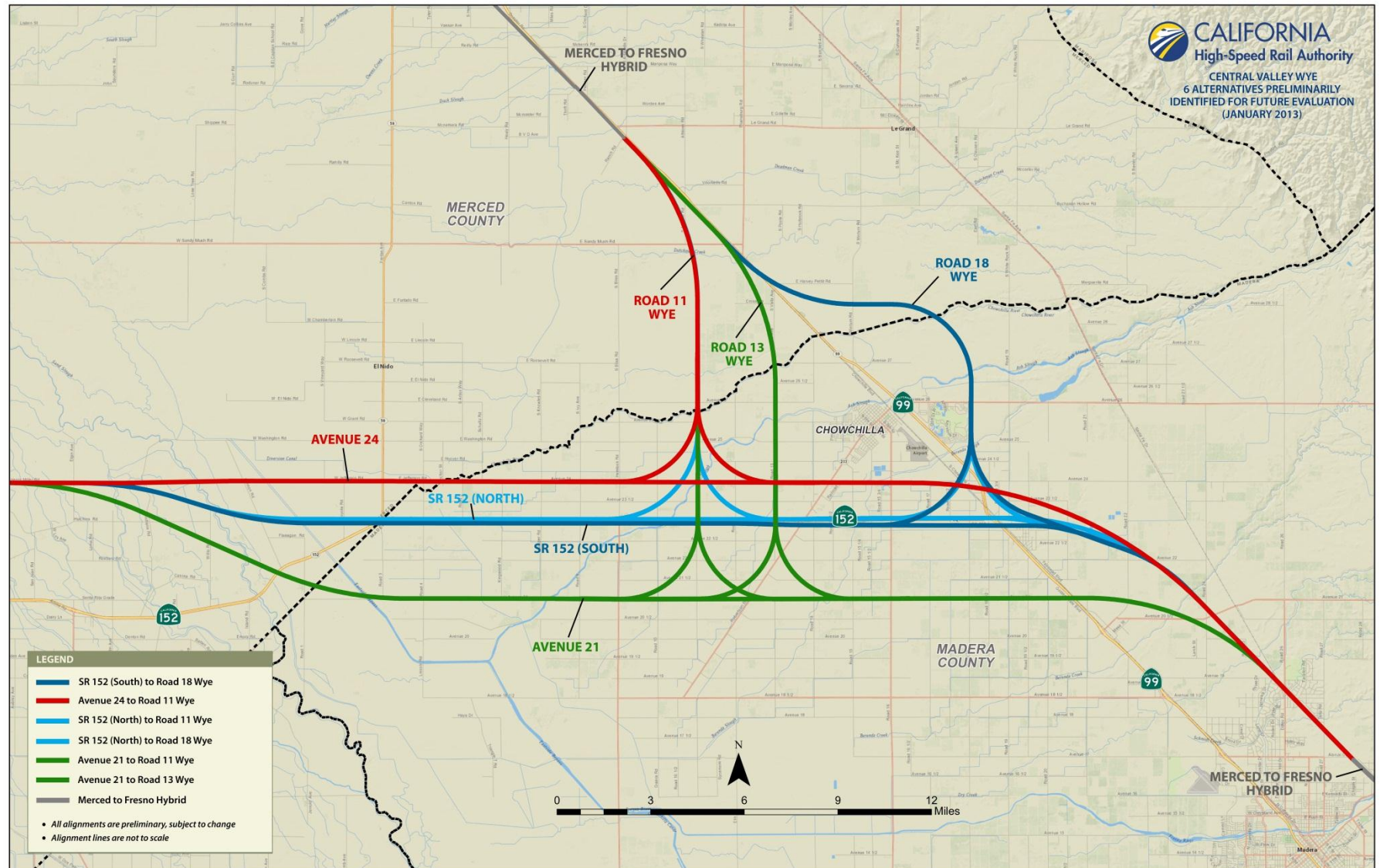
Late 2012

- Authority Staff Recognized the Opportunity to Possibly Extend Early Construction Further North
- Analysis of Wye Alternatives in a Subsequent EIR/Supplemental EIS (SEIR/SEIS) for Merced to Fresno Section Provided Flexibility to Reach Wye Decision

January 2013

- Authority Staff Provided Informational Update on the Wye to Board of Directors
- Based on Further Study and Stakeholder Feedback **Six Alternatives** were Preliminary Identified for Future Evaluation

6 ALTERNATIVES PRELIMINARILY IDENTIFIED FOR FUTURE EVALUATION (JANUARY 2013)



PROGRESS SINCE JANUARY

- Continued Stakeholder Engagement
- Regulatory Agency Input
- Continued Evaluation of Data

FEEDBACK FROM OUTREACH AND COMMUNITY MEETINGS

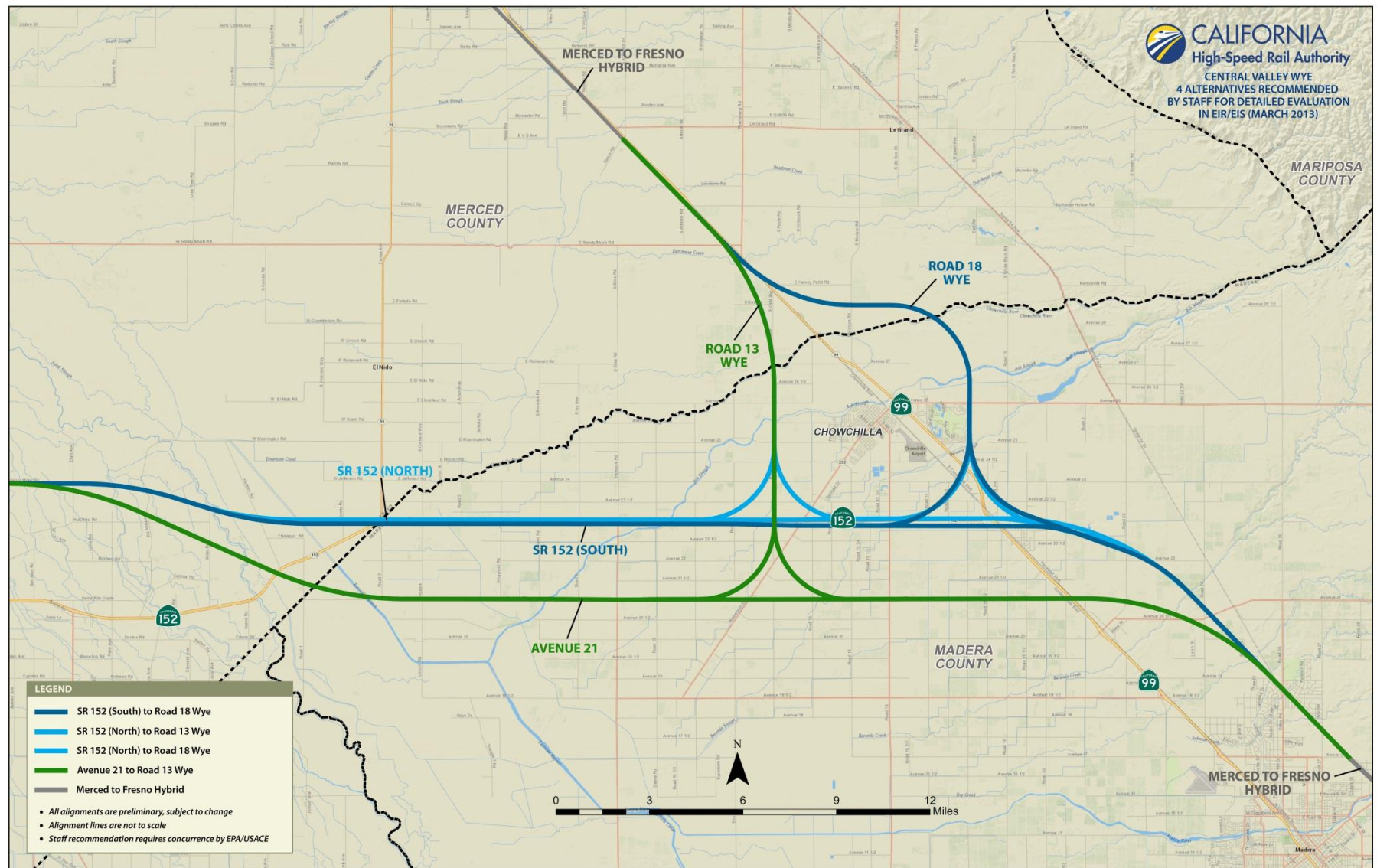
- Since January, convened:
 - 15 stakeholder meetings, and
 - Two community meetings: one in Fairmead, the other in Chowchilla, with a total of 500 people attending
- Questions on Impacts to Residential, Business and Agricultural Property
- Impacts to Local Road Access/Traffic due to Road Closures/Realignments
- Understanding the Right-of-Way Process
- How Wye Alternatives Were Reduced from 14 to 6 then to 4
- Interest in Jobs and Small Business Program

RANGE OF ALTERNATIVES FROM 6 TO 4

For this SAA, Authority Staff is Now Recommending **Four Alternatives** for Detailed Evaluations in SEIR/SEIS

- SR 152 (South) to Road 18
- SR 152 (North) to Road 13
- SR 152 (North) to Road 18
- Avenue 21 to Road 13

4 ALTERNATIVES RECOMMENDED BY STAFF FOR DETAILED EVALUATION IN SEIR/SEIS (MARCH 2013)



Central Valley Wye

4 Alternatives Recommended by Staff for Detailed Evaluation in EIR/EIS

EVALUATION DATA*				
IMPACT AREAS	SR 152 NORTH TO ROAD 13 WYE	SR 152 NORTH TO ROAD 18 WYE	SR 152 SOUTH TO ROAD 18 WYE	AVENUE 21 TO ROAD 13 WYE
Aquatic Resources (Acres) Wetland Habitat, Vernal Pool Complex, Lakes/Ponds/Rivers, Reservoir, Swamps/Marshes	118.1	121.5	118.7	119.2
Streams, Creeks, or Canals (Miles)	20.0	24.9	21.6	22.3
Biological Resources (Acres) San Joaquin Kit Fox, California Tiger Salamander, California Red-legged Frog, Vernal Pool Tadpole Shrimp, Vernal Pool Fairy Shrimp	5,607	6,253	6,197	5,535
Agricultural Land (Acres of Important Farmland) Farmland of Local Importance, Prime Farmland, Unique Farmland, Farmland of Statewide Importance	2,514	2,834	3,231	2,823
Williamson Act Farmland (Acres)	1,024	1,123	1,286	1,192
Noise/Vibration (Number of Potentially Impacted Receptors Before Mitigation)	1,321/269	888/207	1,034/100	1,279/232
Grade Separations	21	22	20	23
Number of Schools Within 1,500 feet	1	1	1-School Displaced	2
Residential and Business Relocations	142-163 Residences 5-10 Businesses	137-160 Residences 7-15 Businesses	132-155 Residences 9-16 Businesses	128-142 Residences 2-3 Businesses
Capital Costs M-F Wye Leg – Ranch Road to Avenue 17 (Millions)	\$1,010.19	\$1,137.63	\$1,142.90	\$1,043.03
Capital Costs (Millions)	\$6,250	\$6,723	\$6,840	\$5,836

*Preliminary, Subject to Change, Data Collected Based on 3% Design and Engineering



NEXT STEPS

- **Spring 2013**

- Continue Stakeholder Engagement
- Submit Checkpoint B Packages and Obtain EPA and USACE concurrence on SEIR/SEIS Alternatives

- **Fall 2013**

- Anticipated Release of Draft SEIR/SEIS
- Public Workshops and Hearings Related to Draft SEIR/SEIS
- Identify Preferred Alternative

- **Winter/Spring 2014**

- Release Final SEIR/SEIS

- **Spring 2014**

- Authority and FRA Decisions